

FOR IMMEDIATE RELEASE:

Tejera Microsystems Engineering, Inc. Announces the Xtrema™ LiPo Charger / Wattmeter / Motor Driver

The complete LiPo lab for today's electric flyer

Riverview, FL March 26, 2005 - Today, Tejera Microsystems Engineering, Inc. announced that it will be demonstrating the prototype for the new **Xtrema™** LiPo Charger / Wattmeter / Motor Driver at the Weak Signals 51st R/C Expo "Toledo Show". More than just a powerful LiPo charger, the **Xtrema™** is the complete LIPO lab for today's Electric flyer! One unit charges your LIPO batteries and helps you choose the best prop for your motor. Also perfect to optimize custom wound CDROM motors and robot builders.



New Xtrema is in a class by itself

Powerful enough for your needs today and tomorrow! This is the Charger/Electric lab you won't outgrow. Features FLASH upgradeable firmware, so your **Xtrema™** will not become obsolete as future upgrades and features become available. It has an extra large 4 line x 20 character LCD panel that displays all important data simultaneously! Also features ultra-simple, easy-to-navigate, intuitive menus with simple UP DOWN RIGHT LEFT joystick navigation! No electronics knowledge necessary, instructions show you how to use this product and unlock the mystery of electric motors! All **Xtrema's** are individually factory calibrated in EEPROM memory! Rugged Aluminum Case MADE in the USA! The preliminary specs for this product are:

LiPo Charger

- Charges 1 to 10 Cell Lithium Batteries at up to 8 Amps
- Includes battery temperature sensor with programmable limits for extra safety!
- Temp probe attaches easily with unique Velcro® strap!
- Programmable safety timer feature.
- Battery memory stores your favorite pack settings.
- NO need to calculate volts or amps, simply enter batteries as number of cells and mah rating!

Wattmeter

Large 4 x 20 LCD simultaneously displays: • Volts - up to 60 Volts • Amps – up to 100 amps peak (50 amps continuous) • Watts – up to 6000 peak watts (3000 watts continuous) • Temperature – connect to motor or battery while measuring watts! • Horsepower - up to 8.1 Hp peak (4 Hp continuous)

Alternate display records: Peak Amps, Voltage minimum (droop), Peak Temperature, Calculated Watts and Hp from min Voltage and Current Peak

Motor Driver

- Program a regulated voltage from 1 to 12 volts, at up to 8 amps to drive your motor while having all the Wattmeter functions above available for test!
- Perfect for selecting propellers for small brushed or brushless motors without the errors introduced by a constantly dropping voltage.

NOTE: Specifications are subject to change before release

The **Xtrema™** will be available this fall with a suggested retail price under \$189 TBD. Product will be available for purchase directly from TME's web site or hobby shops worldwide.

For more information on the **Xtrema™** LiPo Charger / Wattmeter / Motor Driver, visit: www.TMEnet.com, or write: Tejera Microsystems Engineering, Inc., 11705 Boyette Rd. #418, Riverview, FL 33569; telephone: (813) 661-2649; e-mail: <http://www.tmenet.com/contact.htm>